



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Atty. Docket: IZUMOTO=1

In re Application of:	)	Conf. No.: Not Yet Known
	)	
Yoshitaka IZUMOTO et al	)	Art Unit: Not Yet Known
	)	
U.S. Appln. No.: 10/553,694	)	Examiner: Not Yet Known
Filed: October 18, 2005	)	
	)	
I.A. No.: PCT/JP2004/005501	)	
I.A. Filed: April 16, 2004	)	Washington, D.C.
	)	
For: IMMUNOGEN, COMPOSITION FOR	)	September 11, 2006
IMMUNOLOGICAL USE AND	)	
METHOD FOR PRODUCING ANTI-	)	
BODY USING THE SAME	)	

INFORMATION DISCLOSURE STATEMENT [IDS]

Honorable Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window  
Randolph Building, Mail Stop Amendment  
401 Dulany Street  
Alexandria, VA 22314

Sir:

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

[X] 1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed within three months of the filing date of the above-identified national application or within three months of the entry into the national stage of the above-identified international application.

[X] 2. In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form BN/SB/08A/B) of all patents, publications, or other information submitted for consideration by the office,

either incorporated into this IDS or as an attachment hereto. Other than U.S. patent(s) and/or published U.S. application(s), which 37 CFR §1.98(a)(2)(ii) does not require to be filed unless specifically required by the Office, a copy of each document listed is attached.

[X] 3. Documents AA and AB are not in the English language. In accordance with 37 CFR §1.98(a)(3), Applicant states:

[X] An English translation of each document AA and AB (or of the pertinent portions thereof), or a copy of an English-language abstract (or claim) is enclosed.

[X] 4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

5. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

BROWDY AND NEIMARK  
Attorneys for Applicant(s)

By: 

Anne M. Kornbau  
Registration No. 25,884

AMK:ma  
624 Ninth Street, N.W., Suite 300  
Washington, D.C. 20001-5303  
Telephone: (202) 628-5197  
Facsimile: (202) 737-3528

G:\BN\F\FUJI\Izumoto1\Pto\2006-09-11 IDS-Form Re-submitted.doc



BN/SB/08A/B

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

U.S. Application Number	10/553,694
I.A. Filing Date	April 16, 2004
First Named Inventor	Yoshitaka IZUMOTO et al
Group Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Attorney Docket Number	IZUMOTO=1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	AA	JP 2002-262883 A	09-17-2002	SEKISUI CHEM CO LTD; MARINE BIOTECHNOLOGIST INST CO LTD		ABS
	AB	JP 2002-306182 A	10-22-2002	TOYOTA CENTRAL RES & DEV LAB INC		ABS
	AC	WO 00/66756 A1	11-09-2000	KORPELA et al		
	AD	WO 00/75346 A1	12-14-2000	MEDICAL RESEARCH COUNCIL et al		
	AE	WO 94/29459 A1	12-22-1994	WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH		

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2

of 3

**Complete if Known**

U.S. Application Number	10/553,694
I.A. Filing Date	April 16, 2004
First Named Inventor	Yoshitaka IZUMOTO et al
Group Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Attorney Docket Number	IZUMOTO=1

**NON PATENT LITERATURE DOCUMENTS / OTHER INFORMATION**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	AF	ARIÉ, Jean-Philippe et al, "Chaperone function of FkpA, a heat shock prolyl isomerase, in the periplasm of <i>Escherichia coli</i> ", <i>Molecular Microbiology</i> , 2001, Vol. 39, No. 1, pp. 199-210.	
	AG	BEHRENS, Susanne et al, "The SurA periplasmic PPIase lacking its parvulin domains functions <i>in vivo</i> and has chaperone activity", <i>The EMBO Journal</i> , 2001, vol. 20, No. 1 & 2, pp. 285-294.	
	AH	BOSE, Suchira et al, "Chaperone Function of Hsp90-Associated Proteins", <i>Science</i> , December 6, 1996, vol. 274, pp. 1715-1717.	
	AI	FURUTANI, Masahiro et al., "Group II Chaperonin in a Thermophilic Methanogen, <i>Methanococcus thermolithotrophicus</i> ", <i>The Journal of Biological Chemistry</i> , October 23, 1998, Vol. 273, No. 43, pp. 28399-28407.	
	AJ	GUPTA, Radhey S., "Evolution of the chaperonin families (Hsp60, Hsp10 and Tcp-1) of proteins and the origin of eukaryotic cells", <i>Molecular Microbiology</i> , 1995, Vol. 15(1), pp. 1-11.	
	AK	HUANG, Guo-Chang et al, "Assisted folding of D-glyceraldehyde-3-phosphate dehydrogenase by trigger factor", <i>Protein Science</i> , 2000, Vol. 9, pp. 1254-1261.	
	AL	IDENO, Akira et al., "FK506-binding protein of the hyperthermophilic archeum, <i>Thermococcus</i> sp. KS-1, a cold-shock-inducible peptidyl-prolyl <i>cis-trans</i> isomerase with activities to trap and refold denatured proteins", <i>Biochem J.</i> , 2001, Vol. 357, pp. 465-471.	
	AM	IDENO, Akira et al., "The 28.3 kDa FK506 binding protein from a thermophilic archaeum, <i>Methanobacterium thermoautotrophicum</i> , protects the denaturation of proteins <i>in vitro</i> ", <i>Eur. J. Biochem.</i> , 2000, Vol. 267, pp. 3139-3148.	
	AN	KUBOTA, Hiroshi et al., "The chaperonin containing <i>t</i> -complex polypeptide 1 (TCP-1) Multisubunit machinery assisting in protein folding and assembly in the eukaryotic cytosol", <i>Eur. J. Biochem</i> , 1995, Vol. 230, pp. 3-16.	
	AO	MARUYAMA, Tadashi et al., "Archaeal Peptidyl Prolyl <i>Cis-Trans</i> Isomerases (PPIases)", <i>Frontiers in Bioscience</i> , September 1, 2000, Vol. 5, pp. d821-836.	
	AP	MAVRANGELOS, Chris et al., "Increased Yield and Activity of Soluble Single-Chain Antibody Fragments by Combining High-Level Expression and the Skp Periplasmic Chaperonin", <i>Protein Expression and Purification</i> , 2001, Vol. 23, pp. 289-295.	
	AQ	NISHIHARA, Kazuyo et al., "Chaperone Coexpression Plasmids: Differential and Synergistic Roles of DnaK-DnaJ-GrpE and GroEL-GroES in Assisting Folding of an Allergen of Japanese Cedar Pollen, Cryj2, in <i>Escherichia coli</i> ", <i>Applied and Environmental Microbiology</i> , May 1998, Vol. 64, No. 5, pp. 1694-1699.	
	AR	PIRKL, Franziska, et al., "Functional Analysis of the Hsp90-associated Human Peptidyl Prolyl <i>Cis/Trans</i> Isomerases FKBP51, FKBP52 and Cyp40", <i>J. Mol. Biol</i> , 2001, Vol. 308, pp. 795-806.	

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

(use as many sheets as necessary)

Sheet	3	of	3
-------	---	----	---

---

**Complete if Known**

U.S. Application Number	10/553,694
I.A. Filing Date	April 16, 2004
First Named Inventor	Yoshitaka IZUMOTO et al
Group Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Attorney Docket Number	IZUMOTO=1

[illegible]

**Examiner  
Signature**

Date  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.